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NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22 PATDPASPC - New patent database available
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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FILE 'HOME' ENTERED AT 15:39:11 ON 06 APR 2005

=> file medline, uspatfull, dgene, embase, biosis, wpids
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 15:39:38 ON 06 APR 2005

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FILE 'WPIDS' ENTERED AT 15:39:38 ON 06 APR 2005
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=> s polynucleotide encoding polypeptide
3 FILES SEARCHED...

L1 12266 POLYNUCLEOTIDE ENCODING POLYPEPTIDE

=> s (ATCC deposit no.209224)
L2 0 (ATCC DEPOSIT NO.209224)

=> s "HBIAE26"
L3 5 "HBIAE26"

=> s l3 and l1
L4 0 L3 AND L1

=> d l3 ti abs ibib tot

L3 ANSWER 1 OF 5 USPATFULL on STN

TI Albumin fusion proteins

AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:13611 USPATFULL

TITLE: Albumin fusion proteins

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2004010134 | A1 | 20040115 |
| APPLICATION INFO.: | US 2001-833245 | A1 | 20010412 (9) |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-256931P | 20001221 (60) |
| | US 2000-199384P | 20000425 (60) |
| | US 2000-229358P | 20000412 (60) |

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 29

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 18 Drawing Page(s)

LINE COUNT: 25066

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 5 USPATFULL on STN

TI 50 human secreted proteins

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:2568 USPATFULL

TITLE: 50 human secreted proteins

INVENTOR(S):
Moore, Paul A., Germantown, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

PATENT ASSIGNEE(S):

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2004002591 A1 20040101

APPLICATION INFO.: US 2002-47021 A1 20020117 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US18360, filed on 3 Sep 1998, PENDING

| NUMBER | DATE |
|--------|------|
|--------|------|

PRIORITY INFORMATION: US 2001-262066P 20010118 (60)
US 1997-57626P 19970905 (60)
US 1997-57663P 19970905 (60)
US 1997-57669P 19970905 (60)
US 1997-58666P 19970912 (60)
US 1997-58667P 19970912 (60)
US 1997-58973P 19970912 (60)
US 1997-58974P 19970912 (60)
US 1998-90112P 19980622 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 2 Drawing Page(s)

LINE COUNT: 33379

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 5 USPATFULL on STN

TI 50 human secreted proteins

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:238748 USPATFULL

TITLE: 50 human secreted proteins

INVENTOR(S): Moore, Paul A., Germantown, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES

LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Human Genome Sciences, Inc., Rockville, MD (U.S.
corporation)

PATENT ASSIGNEE(S) :

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2003166906 | A1 | 20030904 |
| APPLICATION INFO.: | US 2003-411224 | A1 | 20030411 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US18360, filed on 3 Sep 1998, PENDING | | |

| | NUMBER | DATE |
|-----------------------|----------------|---------------|
| PRIORITY INFORMATION: | US 1997-57626P | 19970905 (60) |
| | US 1997-57663P | 19970905 (60) |
| | US 1997-57669P | 19970905 (60) |
| | US 1997-58667P | 19970912 (60) |
| | US 1997-58974P | 19970912 (60) |
| | US 1997-58973P | 19970912 (60) |
| | US 1997-58666P | 19970912 (60) |
| | US 1998-90112P | 19980622 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23

EXEMPLARY CLAIM: 1

LINE COUNT: 10438

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI New human secreted proteins and nucleic acids, useful for detecting,
preventing, diagnosing, prognosticating, treating and/or ameliorating
e.g. gastrointestinal diseases and disorders, or cancers -

AN ABR00025 peptide DGENE

AB ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted
protein genes, and ABP00011-ABP00299 represent the proteins they encode.
ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The
invention also encompasses antibodies specific for the secreted proteins,
the use of the secreted proteins in drug screening, and recombinant
vectors and host cells comprising a nucleic acid of the invention. The
secreted proteins, nucleic acids encoding them, antibodies or antibody
fragments specific for the secreted proteins, and modulators of protein
activity are useful for diagnosing, treating, ameliorating or preventing
digestive disorders. Such conditions include disorders of the mouth,
oesophagus, stomach, small intestine, large intestine, liver, biliary
tract and pancreas, and include cancers of these organs and tissues. The
secreted proteins and their nucleic acids may also be used in the
treatment of immune disorders, inflammation, infection,
hyperproliferative disorders, and to promote wound healing. Nucleic acids
of the invention may be used for chromosome identification, chromosome
mapping, in gene therapy, for identifying individuals from minute
biological samples, as hybridisation probes, and as molecular weight
markers. The present sequence represents a human secreted protein of the
invention.

ACCESSION NUMBER: ABR00025 peptide DGENE

TITLE: New human secreted proteins and nucleic acids, useful for
detecting, preventing, diagnosing, prognosticating, treating
and/or ameliorating e.g. gastrointestinal diseases and
disorders, or cancers -

INVENTOR: Rosen C A; Ruben S M
PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.
PATENT INFO: WO 2002076488 A1 20021003 999p
APPLICATION INFO: WO 2002-US8276 20020319
PRIORITY INFO: US 2001-277340P 20010321
US 2001-306171P 20010719
US 2001-331287P 20011113
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2003-029900 [02]
CROSS REFERENCES: N-PSDB: ABZ71204
DESCRIPTION: Human gene 15 encoded secreted protein **HBIAE26**, SEQ ID NO:314.

L3 ANSWER 5 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN
TI New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -
AN ABZ71204 cDNA DGENE
AB ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted protein genes, and ABP00011-ABP00299 represent the proteins they encode. ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The invention also encompasses antibodies specific for the secreted proteins, the use of the secreted proteins in drug screening, and recombinant vectors and host cells comprising a nucleic acid of the invention. The secreted proteins, nucleic acids encoding them, antibodies or antibody fragments specific for the secreted proteins, and modulators of protein activity are useful for diagnosing, treating, ameliorating or preventing digestive disorders. Such conditions include disorders of the mouth, oesophagus, stomach, small intestine, large intestine, liver, biliary tract and pancreas, and include cancers of these organs and tissues. The secreted proteins and their nucleic acids may also be used in the treatment of immune disorders, inflammation, infection, hyperproliferative disorders, and to promote wound healing. Nucleic acids of the invention may be used for chromosome identification, chromosome mapping, in gene therapy, for identifying individuals from minute biological samples, as hybridisation probes, and as molecular weight markers. The present sequence represents a human secreted protein-encoding cDNA clone of the invention.

ACCESSION NUMBER: ABZ71204 cDNA DGENE
TITLE: New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -
INVENTOR: Rosen C A; Ruben S M
PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.
PATENT INFO: WO 2002076488 A1 20021003 999p
APPLICATION INFO: WO 2002-US8276 20020319
PRIORITY INFO: US 2001-277340P 20010321
US 2001-306171P 20010719
US 2001-331287P 20011113
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2003-029900 [02]
CROSS REFERENCES: P-PSDB: ABR00025
DESCRIPTION: Human secreted protein-encoding gene 15 cDNA clone **HBIAE26**, SEQ ID NO:25.

=> s 13 and gene
L5 5 L3 AND GENE

=> d 15 ti abs ibib tot

L5 ANSWER 1 OF 5 USPATFULL on STN
TI Albumin fusion proteins
AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also

encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:13611 USPATFULL
TITLE: Albumin fusion proteins
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2004010134 | A1 | 20040115 |
| APPLICATION INFO.: | US 2001-833245 | A1 | 20010412 (9) |

| | NUMBER | DATE |
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| PRIORITY INFORMATION: | US 2000-256931P | 20001221 (60) |
| | US 2000-199384P | 20000425 (60) |
| | US 2000-229358P | 20000412 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 29
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 18 Drawing Page(s)
LINE COUNT: 25066

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 5 USPATFULL on STN
TI 50 human secreted proteins
AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins..

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:2568 USPATFULL
TITLE: 50 human secreted proteins
INVENTOR(S): Moore, Paul A., Germantown, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2004002591 | A1 | 20040101 |
| APPLICATION INFO.: | US 2002-47021 | A1 | 20020117 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED
Continuation-in-part of Ser. No. WO 1998-US18360, filed on 3 Sep 1998, PENDING | | |

| | NUMBER | DATE | |
|--|---|---|---------------|
| PRIORITY INFORMATION: | US 2001-262066P
US 1997-57626P
US 1997-57663P
US 1997-57669P
US 1997-58666P
US 1997-58667P
US 1997-58973P
US 1997-58974P
US 1998-90112P | 20010118 (60)
19970905 (60)
19970905 (60)
19970905 (60)
19970912 (60)
19970912 (60)
19970912 (60)
19970912 (60)
19980622 (60) | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850 | | |
| NUMBER OF CLAIMS: | 23 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 2 Drawing Page(s) | | |
| LINE COUNT: | 33379 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| L5 | ANSWER 3 OF 5 USPATFULL on STN | | |
| TI | 50 human secreted proteins | | |
| AB | The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins. | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| ACCESSION NUMBER: | 2003:238748 USPATFULL | | |
| TITLE: | 50 human secreted proteins | | |
| INVENTOR(S): | Moore, Paul A., Germantown, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES | | |
| PATENT ASSIGNEE(S): | Human Genome Sciences, Inc., Rockville, MD (U.S. corporation) | | |
| | NUMBER | KIND | DATE |
| PATENT INFORMATION: | US 2003166906 | A1 | 20030904 |
| APPLICATION INFO.: | US 2003-411224 | A1 | 20030411 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US18360, filed on 3 Sep 1998, PENDING | | |
| | NUMBER | DATE | |
| PRIORITY INFORMATION: | US 1997-57626P
US 1997-57663P
US 1997-57669P
US 1997-58667P
US 1997-58974P
US 1997-58973P
US 1997-58666P
US 1998-90112P | 19970905 (60)
19970905 (60)
19970905 (60)
19970912 (60)
19970912 (60)
19970912 (60)
19970912 (60)
19980622 (60) | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23

EXEMPLARY CLAIM: 1

LINE COUNT: 10438

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN

TI New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -

AN ABR00025 peptide DGENE

AB ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted protein genes, and ABP00011-ABP00299 represent the proteins they encode. ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The invention also encompasses antibodies specific for the secreted proteins, the use of the secreted proteins in drug screening, and recombinant vectors and host cells comprising a nucleic acid of the invention. The secreted proteins, nucleic acids encoding them, antibodies or antibody fragments specific for the secreted proteins, and modulators of protein activity are useful for diagnosing, treating, ameliorating or preventing digestive disorders. Such conditions include disorders of the mouth, oesophagus, stomach, small intestine, large intestine, liver, biliary tract and pancreas, and include cancers of these organs and tissues. The secreted proteins and their nucleic acids may also be used in the treatment of immune disorders, inflammation, infection, hyperproliferative disorders, and to promote wound healing. Nucleic acids of the invention may be used for chromosome identification, chromosome mapping, in gene therapy, for identifying individuals from minute biological samples, as hybridisation probes, and as molecular weight markers. The present sequence represents a human secreted protein of the invention.

ACCESSION NUMBER: ABR00025 peptide DGENE

TITLE: New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -

INVENTOR: Rosen C A; Ruben S M

PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.

PATENT INFO: WO 2002076488 A1 20021003 999p

APPLICATION INFO: WO 2002-US8276 20020319

PRIORITY INFO: US 2001-277340P 20010321
US 2001-306171P 20010719
US 2001-331287P 20011113

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-029900 [02]

CROSS REFERENCES: N-PSDB: ABZ71204

DESCRIPTION: Human gene 15 encoded secreted protein
HBIAE26, SEQ ID NO:314.

L5 ANSWER 5 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN

TI New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -

AN ABZ71204 cDNA DGENE

AB ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted protein genes, and ABP00011-ABP00299 represent the proteins they encode. ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The invention also encompasses antibodies specific for the secreted proteins, the use of the secreted proteins in drug screening, and recombinant vectors and host cells comprising a nucleic acid of the invention. The secreted proteins, nucleic acids encoding them, antibodies or antibody fragments specific for the secreted proteins, and modulators of protein activity are useful for diagnosing, treating, ameliorating or preventing digestive disorders. Such conditions include disorders of the mouth, oesophagus, stomach, small intestine, large intestine, liver, biliary tract and pancreas, and include cancers of these organs and tissues. The

secreted proteins and their nucleic acids may also be used in the treatment of immune disorders, inflammation, infection, hyperproliferative disorders, and to promote wound healing. Nucleic acids of the invention may be used for chromosome identification, chromosome mapping, in **gene** therapy, for identifying individuals from minute biological samples, as hybridisation probes, and as molecular weight markers. The present sequence represents a human secreted protein-encoding cDNA clone of the invention.

ACCESSION NUMBER: ABZ71204 cDNA DGENE

TITLE: New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -

INVENTOR: Rosen C A; Ruben S M

PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.

PATENT INFO: WO 2002076488 A1 20021003 999p

APPLICATION INFO: WO 2002-US8276 20020319

PRIORITY INFO: US 2001-277340P 20010321

US 2001-306171P 20010719

US 2001-331287P 20011113

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-029900 [02]

CROSS REFERENCES: P-PSDB: ABR00025

DESCRIPTION: Human secreted protein-encoding **gene** 15 cDNA clone
HBIAE26, SEQ ID NO:25.